

ISOTEK - SLIK

MATERIAL

Light grey BASF Basotect® melamine resin foam. High thermal resistance to +150°C. Minimum fume release in the case of fire, far below admissible level; non fiber-forming. Upon request it can be painted in all RAL range colors and with blunted edges of 45° on the four sides.

DIMENSIONS

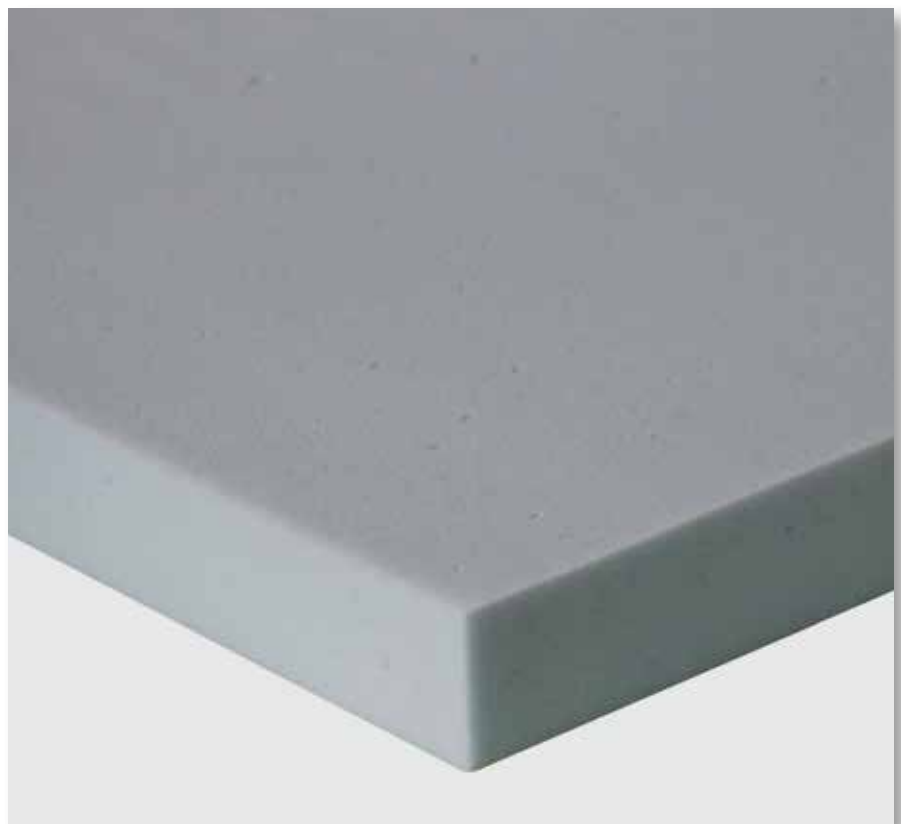
Width: 625 o 1250 mm

Length: 1250 mm

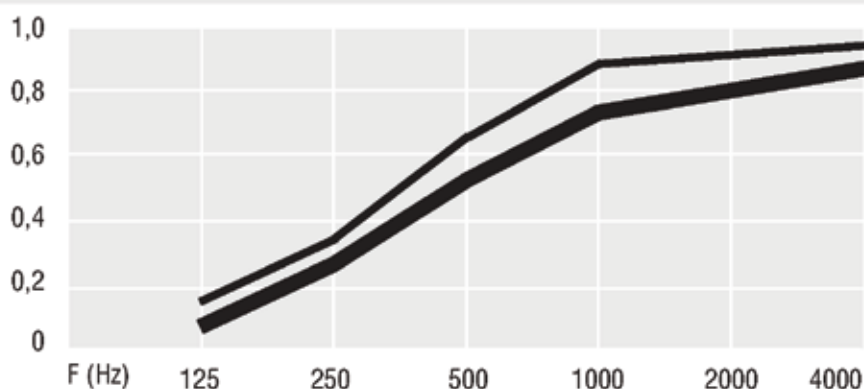
Thickness: 10 - 20 – 30 mm etc.

Size tolerance to M4 DIN 7715 standard, Part 2.

BASOTECT® (BASF) FLAT MELAMINE RESIN FOAM PANEL FOR HEAT AND SOUND INSULATION



Grado di assorbimento acustico (α_S)



Acoustic absorption factors determined to DIN 52212 standard in a large reverberation chamber

PHYSICAL PROPERTIES

- **Volume mass:** kg/m³ EN ISO 845 8 - 11
- **Compression resistance at 10% deflection:** kPa DIN 53421 5 - 20
- **Indentation:** N BASF method > 45
- **Maximum tensile stress:** kPa DIN 53571 > 120
- **Elongation at break:** % DIN 53571 > 10
- **40% deformation resistance and compression:** kPa DIN 53577 7 - 20
- **Thermal conductivity at 10°C :** W/mK DIN 52612 < 0.035
- **Compression set**
 - 50% - 23°C - 72^h % DIN 53572 10 - 30
 - 50% - 70°C - 22^h 10 - 20
- **Steam diffusion resistance factor (μ):** - DIN 52615 -2
- **Acoustic absorption S=50 mm/2000 Hz:** % DIN 52215 > 90
- **Flux specific resistance:** kNs/m⁴ DIN 52213 10 - 20
- **Utilisation temperature:** °C - max 150°
- **Cyclic continuous solicitation tolerability:** method OK
- **Reaction to fire:** Euroclass C-s1,d0 to UNI EN 13501-1. Class 1 to CSE RF 2/75/A - CSE RF 3/77.

REACTION TO FIRE

Euroclass C-s1,d0 to UNI EN 13501-1.

Class 1 to CSE RF 2/75/A - CSE RF 3/77.

FIELDS OF APPLICATION

Isotek-Slik is widely used as a thermal and acoustic insulator in conduits, ventilation plant, door and window frame cabinet and engine compartment linings and as absorbent support in hollow ceilings in general wherever it is not possible to use easily or normally flammable products.

INSTALLATION

Isotek-Slik's flexibility allows it to be cut and shaped very easily. It can be applied to any surface, even curved, provided that it is smooth and free of grease oil or dust, using NDA VILL glue.